

DPG Summer school 2017
10.9. - 15.9.2017

Applied Photonics

Physikzentrum
Bad Honnef

Time	Sunday, 10.9.2017	Monday, 11.9.2017	Tuesday, 12.9.2017	Wednesday, 13.9.2017	Thursday, 14.9.2017	Friday, 15.9.2017
		Laser and laser systems in industrial production	Biophotonics & medical technology	Photonics & Optical technology	Optics and production technologies in optics	Sensors, measurement and testing technology, optical metrology
08:00		Breakfast				
09:00 - 10:30		Laser design and beam Guiding (B. Struve)	Lasers in medicine and diagnostics (W. Neu)	Light for science, technology, and medicine (L. Monz)	Optics design in theory and practise (A. Koch)	Radiometry in the terahertz to X-Ray range (G. Ulm)
10:30		Coffee break / Poster display				
11:00 - 12:30		Lasers in production and manufacturing (T. Schüning)	Femto applications in ophthalmology - What tomorrow might bring (H. Lubatschowski)	Panel - Science meets industry (J. Staub)	Optics design workshop (A. Koch)	Precision spectroscopy of atomic hydrogen (T. Udem)
12:30		Lunch break				
13:30 - 15:00		Poster session	Biophotonics (H. Schneckenburger)	Excursion (hiking and photon interaction)	Introduction to light and illumination technology, LEDs (J. Baumgart)	
15:00 - 16:30		Challenges for laser systems in industrial production (U. Quentin)	Bioinformatics and microscopy (G. Kauer / W. Neu)		Design of illumination optics workshop (J. Baumgart)	
16:30		Coffee break			Coffee break	
17:00 - 18:30	Arrival, reception, and registration	Physics with ultrashort pulses and intense light (U. Teubner)	Optoacoustic sensing, monitoring, and imaging (R. Esenaliev)		Poster session	
18:30	18:00 Buffet Supper, informal get together	Supper			Conference Diner	
19:30	Lasers and Photonics - the solution @ work (W. Neu)	Laser ion sources: Applications and on-line isotope delivery (J. Lassen)	Lichtenbergkeller	Photonics in view of space science (Th. Reiter)	Lichtenbergkeller	